Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 24 Jan 2023 until 23:59 on Wednesday 25 Jan 2023

Forecast Issued on Monday 23 Jan 2023 at 15:01

Confidence: High for general pattern, lowering for cloud details.

Headline for Tuesday 24 Jan 2023: Some early brightness possible, on an otherwise cloudy day with some patchy light rain and drizzle.

Mountain weather hazards on Tuesday 24 Jan 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Cloudy	Light rain	Light rain	Light rain	Light rain
Precipitation probability							
<05%	10%	20%	20%	30%	30%	30%	30%

Forecast for Tuesday 24 Jan 2023

Weather: Dry start with clear then some early brighter spells. Gradually cloud feeding from the northwest from late morning, bringing some patchy light rain or drizzle for the afternoon and evening.

Chance of cloud-free hill tops above 600m: 75% at first becoming 20% for the afternoon and evening

Low cloud and visibility: Good becoming moderate or poor in rain and drizzle, very poor within cloud with bases becoming quite extensive down to 500m for the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Tuesday 24 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/7 SW	6/8 SW	6/9 SW	4/8 SW	5/8 SW	6/9 SW	9/13 SW	10/15 SW	12/17 SW
300	2/3 SE	2/4 S	2/3 SE	3/5 S	3/5 W	3/5 W	4/6 SW	5/10 SW	6/11 SW
Valley	2/4 E	2/4 SE	1/3 E	3/5 SE	2/4 W	2/5 SW	2/6 S	3/11 SW	4/10 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/1	4/1	4/1	4/2	5/3	4/2	3/-0	3/-1	3/-2
300	4/2	3/2	3/2	4/2	5/4	6/5	4/3	4/2	4/1
Valley	2/1	2/0	2/0	3/2	5/4	6/5	5/4	4/3	4/3
Freezing Level*	1400m	1400m	1400m	1400m	1500m	1500m	1500m	1600m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Chance of severe wind chill effect across highest peaks.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 23 Jan 2023	0.6mm	1mm	1.4mm

Forecast for Wednesday 25 Jan 2023

Weather: Overcast start with occasional light rain and drizzle, becoming largely dry from early afternoon with some brighter spells appearing later afternoon.

Maximum wind: West or southwest 20mph with gusts reaching 30mph across most exposed ridges and summits. Winds easing and veering later in the day.

Chance of cloud-free hill tops above 600m: Beginning 20% becoming 90% late afternoon.

Low cloud and visibility: Good becoming moderate or poor in rain and drizzle, very poor within cloud with bases quite extensive down to 500m at first, particularly in the west, before lifting and breaking late afternoon.

Temperature: **Valleys:** Minus 2 Celsius increasing 9 Celsius during the afternoon
At 600m: Plus 4 Celsius lowering plus 1 Celsius late evening
Freezing level: Above summits lowering 700m late evening

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